

# EAST Search History

S1	373	(("20020058877" "20020062139" "20020107552" "20020107553" "20020120306" "20020123768" "20020123769" "20020128563" "20020143369" "20020161410" "20020165586" "20030003052" "20030004549" "20030045909" "20030060857" "20030069609" "20030078623" "20030100924" "20030105493" "20030114889" "20030135126" "20030149450" "20030212440" "20040093034" "20040093035" "20040102908" "20040116820" "20040133247" "20040158295" "20040220636" "20040230241" "20050090719" "20050261741" "20060195038" "20060241704" "20060259088" "20060287684" "4114627" "4777960" "4791931" "4872459" "4880005" "4945909" "5014698" "5063927" "5111815" "5183040" "5190035" "5197467" "5199428" "5201808" "5203326" "5222493" "5243980" "5269301" "5271395" "5273034" "5291400" "5300093" "5303702" "5318592" "5318597" "5324310" "5330507" "5331966" "5341811" "5356425" "5360436" "5391190" "5411531" "5423870" "5431687" "5431693" "5437285" "5441524" "5443485" "5466245" "5480412" "5507784" "5507785" "5522854" "5531772" "5560370" "5562711" "5562712" "5571144" "5578061" "5601615" "5603331" "5626622" "5626624" "5645570" "5658318" "5682901" "5685316" "5690681" "5700282" "5700283" "5718720" "5722997" "5749900" "5755671" "5766225" "5782884" "5792194" "5817135" "5817136" "5824020" "5824029" "5842997" "5843136" "5861012" "5873898" "5891044" "5893882" "5916239" "5921940" "5935081" "5941831" "5978707" "5978710" "5987356" "6006134" "6021351" "6022322" "6026320" "6035233" "6042548" "6044294" "6058331" "6073048" "6076015" "6128535" "6134470" "6135970" "6144878" "6151524" "6161042" "6167308" "6178349" "6181966" "6216032" "6224553" "6238422" "6240314" "6246909" "6269263" "6272377" "6273856" "6292693" "6292695" "6301499" "6317632" "6358201" "6370424" "6371922" "6390986" "6400982" "6421557" "6424865" "6438421" "6449507" "6453201" "6459929" "6463326" "6470210" "6473644" "6473647" "6480733" "6480742" "6487450" "6493585" "6511500" "6522914" "6522926" "6529772" "6532388" "6542774" "6564096" "6571121" "6571122" "6511712" "6677041" "6678087" "6678088	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/20 13:31
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## EAST Search History

S2	251	kenknight-b\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/20 13:31
S3	1051	zhu-q\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/20 13:32
S4	2	("7215992").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/06/20 13:33
S5	57	("20030060854" "20040133247" "20040158295" "20040230241" "20050090719" "20050240237" "20050261741" "20060195038" "4777960" "4945909" "5014698" "5025786" "5063927" "5197467" "5199428" "5269301" "5271395" "5273034" "5303702" "5360436" "5423870" "5480412" "5535752" "5755671" "6128526" "6678547" "6937901" "7062314" "7069070").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/20 13:34

## EAST Search History

S6	162	("20020026222" "20020058877" "20020072683" "20020107553" "20020120304" "20020120306" "20020161410" "20020165586" "20030004549" "20030045909" "20030060848" "20030060857" "20030060858" "20030078623" "20030078629" "20030100924" "20030105493" "20030114889" "20030149450" "20030212440" "20040049235" "20040230241" "20050065554" "20050090719" "20050096705" "20050149156" "20060195038" "20060206154" "4777960" "4791931" "5014698" "5111815" "5190035" "5199428" "5203326" "5269301" "5291400" "5318592" "5330507" "5391190" "5437285" "5522854" "5578061" "5626624" "5645570" "5652318" "5682901" "5690681" "5700282" "5749900" "5755671" "5894044" "5916239" "5935081" "6006134" "6026320" "6035233" "6073048" "6144878" "6161042" "6178349" "6239263" "6246909" "6258201" "6272377" "6285907" "6292695" "6370424" "6371922" "6390986" "6459929" "6480733" "6511500" "6522926" "6542774" "6564096" "6571121" "6571122" "6611713" "6622041" "6628987" "6690971" "6824538" "6850801" "7069070" "7123961").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/20 13:38
S7	2	"850341".apn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/20 13:40
S8	576	(S1 or S2 or S3 or S5 or S6) and pacing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/20 13:41
S9	204	(S1 or S2 or S3 or S5 or S6) and "cardiac output"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/20 13:41
S10	46	(S1 or S2 or S3 or S5 or S6) and ("cardiac output" same (impedance or thoracic or "trans-thoracic" or transthoracic))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/20 13:45

## EAST Search History

S11	419	("607"/\$.cccls.) and ("cardiac output" same (impedance or thoracic or "trans-thoracic" or transthoracic))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/20 14:32
S12	11	S10 and ("cardiac output" with (compar\$5 or threshold or reference))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/20 14:09
S13	74	S11 and ("cardiac output" with (compar\$5 or threshold or reference))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/20 13:58
S14	140	("0002002" "0002003" "20020016550" "20020026222" "20020091415" "20020120304" "20030023279" "20030060857" "20030105493" "20030229380" "20040049235" "20040054381" "20040088015" "20040116970" "20040172074" "20040172075" "20050059897" "20050065555" "20060253156" "4791931" "4936304" "5111815" "5190035" "5199428" "5203326" "5243980" "5275826" "5318592" "5330507" "5356425" "5411531" "5437285" "5507784" "5522854" "5578061" "5658318" "5690681" "5700282" "5707400" "5902324" "5916239" "6006134" "6058331" "6073048" "6134470" "6161042" "6178349" "6181966" "6240314" "6272377" "6285907" "6292695" "6371922" "6400982" "6411845" "6421557" "6449507" "6473644" "6487450" "6493585" "6511500" "6522926" "6532388" "6542774" "6564096" "6611713" "6622041" "6628987" "6684105" "6718208" "6922585" "7025730" "7139607").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/20 13:51
S15	4	((("6748261") or ("6240313")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/06/20 13:52
S16	49	("20020082663" "20040082973" "5016630" "5190035" "5237992" "5282838" "5284491" "5374281" "5690689" "5702424" "5782886" "5861011" "5891175" "5968081" "5991659" "6070101" "6141586" "6161042" "6240313" "6246909" "6459928" "6708061" "6748261" "6904317").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/20 13:52

## EAST Search History

S17	6	(S14 or S16) and ("cardiac output" same (impedance or thoracic or "trans-thoracic" or transthoracic))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/20 13:53
S18	2	("4,686,987").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/06/20 13:58
S19	362	("607"/\$.ccls.) and ("cardiac output" same (impedance or thoracic or "trans-thoracic" or transthoracic)) and (activity or exertion)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/20 14:02
S20	98	("607"/\$.ccls.) and ("cardiac output" same (impedance or thoracic or "trans-thoracic" or transthoracic)) and ("activity level" or "exertion level")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/20 14:02
S21	44	("3995623"   "4050079"   "4098267"   "4380237"   "4450527"   "4595015"   "4674518"   "4726383").PN. OR ("4951682").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/20 14:05
S22	2	("4,730,619").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/06/20 14:06
S23	197	("607"/\$.ccls.) and ("cardiac output" with (compar\$5 or threshold or reference))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/20 15:26
S24	2	("6,566,866").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/06/20 14:14
S25	0	("607"/\$.ccls.) and ("cardiac output" with synchronization)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/20 15:02
S26	2	("4,770,177").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/06/20 14:18

## EAST Search History

S27	2	"075808".apn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/20 14:19
S28	1108	("607"/\$.ccls.) and "cardiac output" and (exertion or (level with activity) or (level with exertion) or "metabolic demand" or "metabolic need")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/20 14:33
S29	494	("607"/\$.ccls.) and ("cardiac output" same (exertion or (level with activity) or (level with exertion) or "metabolic demand" or "metabolic need"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/20 15:00
S30	2057	("607"/\$.ccls.) and ((metabolic or activity or exertion or "cardiac output") with (compar\$5 or threshold or reference))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/20 14:44
S31	251	S29 and S30	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/20 14:54

## EAST Search History

S32	211	("20020002389" "20020091415" "20030014083" "20030078624" "20030105493" "20030105496" "20030125774" "20040122484" "20050102001" "20050177795" "4354497" "4686987" "4872459" "4880005" "4922907" "4928688" "4930075" "4945909" "4981139" "5014698" "5109842" "5113869" "5135004" "5152955" "5156149" "5158079" "5168869" "5174289" "5179947" "5179949" "5199428" "5233985" "5267560" "5269301" "5318595" "5330511" "5331768" "5334222" "5370665" "5514161" "5514163" "5527347" "5531768" "5534016" "5549650" "5554177" "5584867" "5584868" "5609612" "5626620" "5626623" "5628777" "5674256" "5674259" "5683429" "5690689" "5700283" "5713930" "5716383" "5749906" "5792195" "5797970" "5800471" "5824019" "5836987" "5851226" "5935081" "5935160" "5991668" "6021350" "6038483" "6044298" "6044299" "6058329" "6066094" "6108577" "6112117" "6128526" "6144880" "6151524" "6208900" "6208901" "6223082" "6272377" "6273856" "6280389" "6311089" "6351673" "6360127" "6409675" "6430439" "6438421" "6449510" "6477406" "6480733" "6480742" "6507756" "6512952" "6522921" "6522923" "6527729" "6553258" "6574506" "6604000" "6973349" "7020521" "7110817").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/20 14:54
S33	1609	("607"/\$.ccls.) and ("cardiac output" same (adequate or adjust\$4 or modify\$4 or chang\$4 or increas\$4 or decreas\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/20 15:04
S34	934	S33 and ("congestive heart failure" or "CHF" or "CRT" or synchronization or resynchronization)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/20 15:03
S35	117	("607"/\$.ccls.) and ("cardiac output" with synchronization)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/20 15:02
S36	914	S33 and ("congestive heart failure" or synchronization or resynchronization)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/20 15:05

## EAST Search History

S37	1371	("607"/\$.ccls.) and ("cardiac output" with (adequate or adjust\$4 or modify\$4 or chang\$4 or increas\$4 or decreas\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/20 15:08
S38	788	S37 and ("congestive heart failure" or synchronization or resynchronization)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/20 15:11
S39	1232	("607"/\$.ccls.) and ("cardiac output" with (adjust\$4 or modify\$4 or chang\$4 or increas\$4 or decreas\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/20 15:09
S40	187	("607"/\$.ccls.) and ("cardiac output" with (adjust\$4 or modify\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/20 15:10
S41	665	("607"/\$.ccls.) and ("cardiac output" same (adjust\$4 or modify\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/20 15:10
S42	322	S41 and ("congestive heart failure" or synchronization or resynchronization)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/20 15:12
S43	66	S42 and ("cardiac output" with (compar\$5 or threshold or reference))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/20 15:26
S44	170	S42 and ("cardiac output" with (increas\$4 or decreas\$4 or adequate))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/20 15:26
S45	188	S43 or S44	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/20 15:26